

In response to this Office Action, please amend this application as follows:

IN THE CLAIMS

Please AMEND each of claims 1, 14 and 23 to read as follows:

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FEB 25 2003
TC 1700

1. (Twice Amended)

A carburetor, comprising:

a metallic carburetor body having a fuel and air mixing passage through which a fuel and air mixture is delivered to an engine;

a throttle valve assembly movable in the fuel and air mixing passage between idle and wide open positions, said valve assembly having a polymeric shaft rotatable relative to the carburetor body;

a separate polymeric cam body connected to the shaft for rotation in unison with the shaft;

a separate valve head in communication with the fuel and air mixing passage and carried by the shaft for rotation in unison with the shaft;

the shaft being journaled for rotation in integral bores in one portion of the carburetor body;

the cam body being configured to be connected to an actuator wire for movement of the shaft and valve head between the idle and wide open positions; and

at least one stop carried by the carburetor body and engageable by the cam body to limit rotation of the valve assembly to at least one of the idle position and wide open throttle position of the valve head of the valve assembly.

C²

14. (Twice Amended)

A throttle valve assembly for a carburetor comprising:

- a carburetor body with a fuel and air mixing passage;
- a throttle polymeric shaft rotatably carried by the carburetor body in communication with the fuel and air mixing passage and having a slot formed therethrough between its ends;
- a throttle cam body connected to the shaft for co-rotation in unison with the shaft to engage at least one stop carried by the carburetor body to limit rotation of the throttle valve assembly;
- a valve head carried by the shaft for rotation in unison with the shaft, in communication with the fuel and air mixing passage and disposed in part in the slot so that rotation of the shaft changes orientation of the valve head relative to the fuel and air mixing passage to control fluid flow through the fuel and air mixing passage; and
- the length of the slot through the shaft being greater than the width of the portion of the valve head received in the slot of the shaft and greater than the width of the mixing passage at the location of the shaft in the mixing passage so that the valve head is movable axially relative to the shaft and transversely relative to the mixing passage to center the valve head in the mixing passage.

C³

23. (First Amended)

A valve assembly comprising:

a carburetor body with a mixing passage, and a pair of coaxial bores on opposite sides of the mixing passage and extending substantially transversely to the longitudinal axis of the mixing passage;

a polymeric valve shaft extending transversely through the mixing passage, journalled for rotation in the bores, and having a slot therethrough between its ends;

a valve head received in the mixing passage, disposed in the slot and carried by the shaft for rotation in unison with the shaft so that rotation of the shaft changes the orientation of the valve head relative to the mixing passage to control fluid flow through the mixing passage; and

the length of the slot through the shaft being greater than the width of the portion of the valve head disposed in the slot of the shaft and greater than the width of the mixing passage at the location of the shaft in the mixing passage so that the valve head is movable axially relative to the shaft and transversely relative to the mixing passage to center the valve head in the mixing passage.

R E M A R K S

Claims 1-12

The indication that claims 1-12 would be allowable if amended to obviate the indefiniteness rejection of claim 1 that there was no antecedent basis for the terms "the body" and "the cam" in line 15 of claim 1 is acknowledged with appreciation.

As suggested by the Examiner, this objection has been obviated by amending line 15 of claim 1 to use the phrases ---the carburetor body --- and ---the cam body ---. Claim